IN THE CLAIMS

Please amend the claims as follows:

Claim 1-9 (Canceled).

Claim 1~~0~~ (Currently Amended): A digital transmission method for error-correcting coding, comprising:

coding, including applying a given coding scheme to generate a coded information item having a certain redundancy from a selected information item;

transmitting the coded information item on a channel;

obtaining at least one parameter used in the transmitting;

puncturing the coded information based on the at least one parameter;

decoding the coded information after the transmitting to obtain an estimate of the selected information item;

correcting at least one transmission error based on the certain redundancy; and

depuncturing the coded information based on the at least one parameter.

Claim 1~~1~~ (Currently Amended): ~~the~~ The digital transmission method according to Claim 1~~0~~, wherein the at least one parameter includes at least one of a bit error rate, a packet error rate, a signal to noise ratio, a signal to interference plus noise ratio, a number of users of a telecommunication system, a quality of service required by the transmission system, or a speed of movement of a user of the transmission system.

Claim 12 (Previously Presented): The digital transmission method according to Claim 1~~0~~, wherein the coding comprises:

a plurality of elementary coding steps associated in parallel, each of the elementary coding steps generating an elementary coded information item; and

an adapting step for checking if the puncturing obtains a full puncturing of the elementary coded information and for modifying the coding based on the checking.

Claim ~~13~~ 3. (Previously Presented): The digital transmission method according to Claim ~~11~~ 9, wherein the coding comprises:

a plurality of elementary coding steps associated in parallel, each of the elementary coding steps generating an elementary coded information item; and

an adapting step for checking if the puncturing obtains a full puncturing of the elementary coded information item and for modifying the coding based on the checking.

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Claim ~~14~~ 13. (Previously Presented): The digital transmission method according to Claim 12, wherein the elementary coding includes convolutional coding applied to the selected information item, thereby generating each elementary coded information item.

Claim ~~15~~ 14. (Previously Presented): The digital transmission method according to Claim ~~14~~ 13, wherein the convolutional coding is applied to the selected information item and at least one auxiliary information item, thereby generating a generator polynomial.

Claim ~~16~~ 15. (Previously Presented): The digital transmission method according to Claim ~~15~~ 14, wherein the at least one auxiliary information item includes at least one of a bit error rate, a packet error rate, a signal to noise ratio, a signal to interference plus noise ratio, a number of users of a telecommunication system, a quality of service required by the transmission system, or a speed of movement of a user of the transmission system.

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Claim ~~11~~ 4 (Previously Presented): The digital transmission method according to Claim ~~13~~ 3, wherein the elementary coding includes convolutional coding applied to the selected information item, thereby generating each elementary coded information item.

Claim ~~18~~ 5 (Previously Presented): The digital transmission method according to Claim ~~17~~ 4, wherein the convolutional coding is applied to the selected information item and at least one auxiliary information item, thereby generating a generator polynomial.

Claim ~~19~~ 6 (Previously Presented): The digital transmission method according to Claim ~~18~~ 5, wherein the at least one auxiliary information item includes at least one of a bit error rate, a packet error rate, a signal to noise ratio, a signal to interference plus noise ratio, a number of users of a telecommunication system, a quality of service required by the transmission system, or a speed of movement of a user of the transmission system.

Claim ~~20~~ 16 (Previously Presented): The digital transmission method according to Claim 12, wherein the coding includes turbo-coding,

the plurality of elementary coding steps are concatenated in parallel and have interleaving adapting steps, and

the puncturing occurs after a multiplexing step commingling a plurality of elementary coded information items generated by the plurality of elementary coding steps.

Claim 21 (Previously Presented): The digital transmission method according to Claim 13, wherein the coding includes turbo-coding,

the plurality of elementary coding steps are concatenated in parallel and have interleaving adapting steps, and

the puncturing occurs after a multiplexing step commingling a plurality of elementary coded information items generated by the plurality of elementary coding steps.

Claim 22 (Previously Presented): The digital transmission method according to Claim 20, wherein the coding includes parallel concatenation turbo-coding.

Claim 23 (Previously Presented): The digital transmission method according to Claim 21, wherein the coding includes parallel concatenation turbo-coding.

Claim 24 (Previously Presented): The digital transmission method according to Claim 20, wherein the coding includes parallel concatenation block turbo-coding.

Claim 25 (Previously Presented): The digital transmission method according to Claim 21, wherein the coding includes parallel concatenation block turbo-coding.

Claim 26 (Previously Presented): The digital transmission method according to Claim 12, wherein the decoding includes:

a plurality of elementary decoding steps, respectively corresponding to said plurality of elementary coding steps, and processing each elementary coded information item; and

decoding adapting to remove any of the plurality of elementary decoding steps having a fully punctured elementary coded information item.

Claim ~~27~~ 10 (Previously Presented): The digital transmission method according to Claim ~~13~~ 3, wherein the decoding includes:

a plurality of elementary decoding steps, respectively corresponding to said plurality of elementary coding steps, and processing each elementary coded information item; and

decoding adapting to remove any of the plurality of elementary decoding steps having a fully punctured elementary coded information item.

Claim ~~28~~ 20. (Previously Presented): The digital transmission method according to Claim 12, wherein the decoding includes adapting to remove any fully punctured coded information.

Claim ~~29~~ 11. (Previously Presented): The digital transmission method according to Claim ~~13~~ 3, wherein the decoding includes adapting to remove any fully punctured coded information.